

Boris Seredin

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Aluminum doped thermomigrated silicon channels for high voltage solar cells: structure and electrical properties. , 2022, , .		0
2	The Formation and Structure of Thermomigration Silicon Channels Doped with Ga. Technical Physics, 2021, 66, 453-460.	0.7	5
3	Structural Perfection and Composition of Gallium-Doped Thermomigration Silicon Layers. Technical Physics Letters, 2020, 46, 279-282.	0.7	3
4	Precision silicon doping with acceptors by temperature gradient zone melting. Journal of Physics: Conference Series, 2019, 1400, 044012.	0.4	3
5	Thermomigration Kinetics in the Si-Al-Ga and Si-Al-Sn Systems. Inorganic Materials, 2018, 54, 32-36.	0.8	2
6	Determination of the Thermodynamic Parameters of Doping Silicon by Means of Thermomigration. Crystallography Reports, 2018, 63, 1178-1182.	0.6	0
7	Crystal defects in solar cells produced by the method of thermomigration. Semiconductors, 2017, 51, 285-289.	0.5	5
8	On the limit of the injection ability of silicon p-n junctions as a result of fundamental physical effects. Semiconductors, 2017, 51, 798-802.	0.5	2
9	Local Doping of Semiconductor Crystals by Thermomigration. Materials Science Forum, 2016, 843, 46-51.	0.3	1
10	Manifestations of induced instability of phase boundaries during thermomigration. Technical Physics Letters, 2016, 42, 1045-1048.	0.7	1
11	Abrasive blasting of silicon surfaces during the thermal-migration process. Journal of Surface Investigation, 2015, 9, 1293-1301.	0.5	6
12	Growth of Ga _x In _{1-x} As _y P _{1-y} /GaAs quantum dot arrays by ion beam deposition. Inorganic Materials, 2014, 50, 215-221.	0.8	2
13	Physical Aspects of the Liquid Zones Thermomigration Method for Formation of Electronic Technics Materials with the Required Substructure. Materials Science Forum, 0, 843, 145-150.	0.3	0
14	Optimizing Conditions for Formation of Local Zones for Thermomigration in Silicon. Solid State Phenomena, 0, 265, 839-844.	0.3	0